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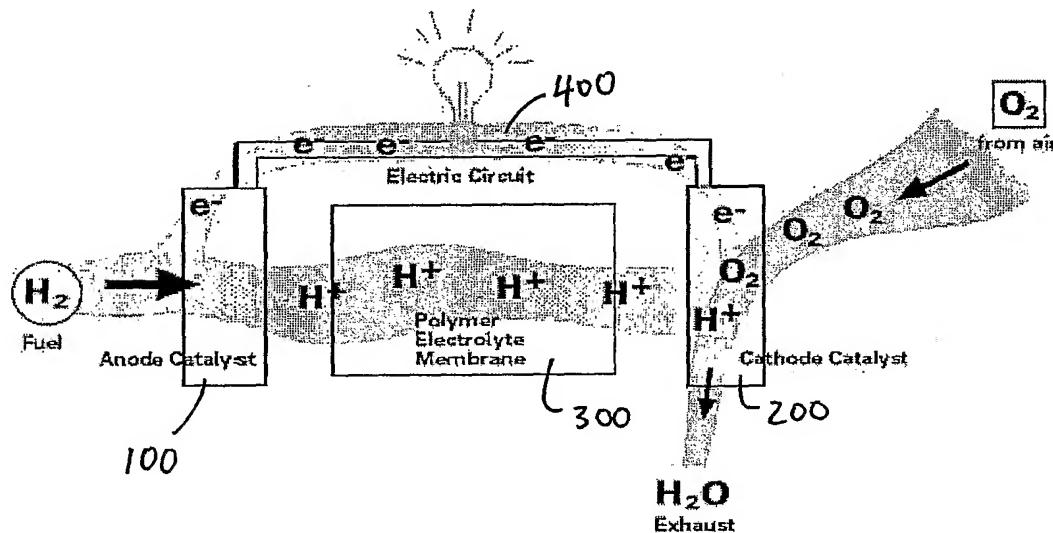
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(54) Title: TRIMETASPHERES FOR ION SELECTIVE MEMBRANES



(57) **Abstract:** An ion selective membrane is provided where the membrane has improved ionic conductivity and mobility at elevated temperatures. The ion selective membrane includes a metallofullerene, where the metallofullerene may be a trimetaspHERE. The metallofullerene is incorporated into membrane materials that can withstand elevated temperatures, where the metallofullerene improves ionic conductivity and mobility therein.

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